Exhibit A

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GLYCOSEPARATIONS

NATURAL OLIGOSACCHARIDES FOR GLYCOCOMMUNITY

Home Product Catalogue Technical Information Prices Contacts What's New

N-GLYCANS
- Complex N-glycans
- Oligomannose N-glycans
- Saccharomyces type N-glycans
- Hybrid N-glycans

MILK & URINE OLIGOSACCHARIDES
- Core oligosaccharides
- Lewis antigenic oligosaccharides
- Sialated oligosaccharides
- Blood group antigenic oligosaccharides

O-GLYCANS

MISCELLANEOUS OLIGOSACCHARIDES

FUNCTIONIZED OLIGOSACCHARIDES
- GOOEI-spacered oligosaccharides
- Biotinylated oligosaccharides

NEOGLYCOPROTEINS

GLYCOPROTEINS

LECTINS

AFFINITY SORBENTS

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Sialated oligosaccharides from human milk and urine

3′-Sialyllactose (3′-SL)
Cat. No. **SA-3-1**

Neu*N*Acα2-3Galβ1-4Glc

6′-Sialyllactose (6′-SL)
Cat. No. **SA-3-2**

Neu*N*Acα2-6Galβ1-4Glc

3′-Sialyllactosamine (3′-SLN)
Cat. No. **SA-3-3**

Neu*N*Acα2-3Galβ1-4GlcNAc

6′-Sialyllactosamine(6′-SLN)
Cat. No. **SA-3-4**

Neu*N*Acα2-6Galβ1-4GlcNAc

Monosialyl, monofucosyllactose(3′-S, 3-FL)
Cat. No. **SA-4-1**

Neu*N*Acα2-3Galβ1-4Glc
3
|
Fucα1

Sialyllacto-*N*-tetraose a (LST a)
Cat. No. **SA-5-1**

Neu*N*Acα2-3Galβ1-3GlcNAcβ1-3Galβ1-4Glc

Sialyllacto-*N*-tetraose b (LST b)
Cat. No. **SA-5-2**

Neu*N*Acα2
|
6
Galβ1-3GlcNAcβ1-3Galβ1-4Glc

Sialyllacto-*N*-*neo*tetraose c (LST c)
Cat. No. **SA-5-3**

Neu*N*Acα2-6Galβ1-4GlcNAcβ1-3Galβ1-4Glc

Sialyllacto-*N*-fucopentaose I (SLNFP I)
Cat. No. **SA-6-1**

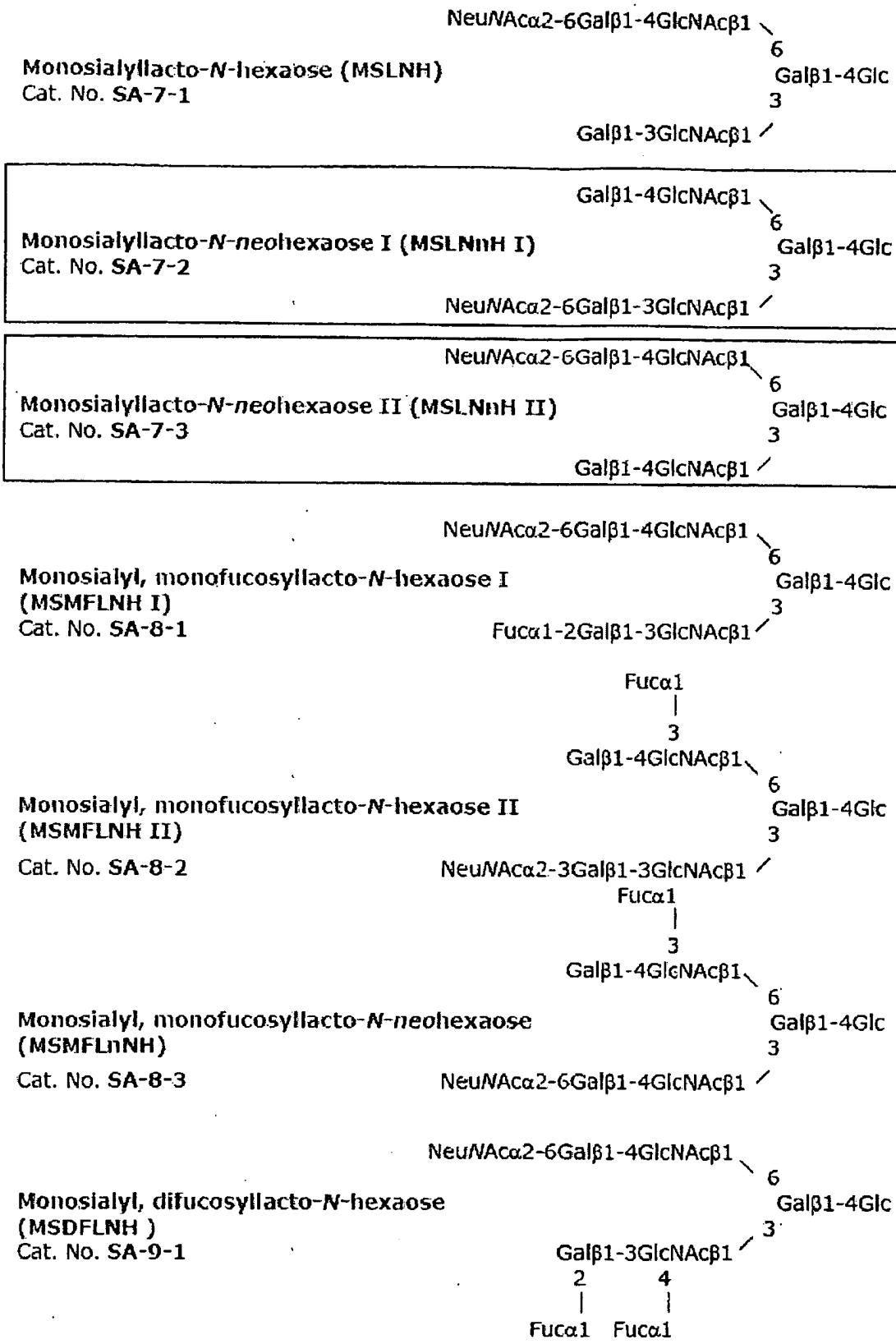
Neu*N*Acα2
|
6
Galβ1-3GlcNAcβ1-3Galβ1-4Glc
2
|
Fucα1

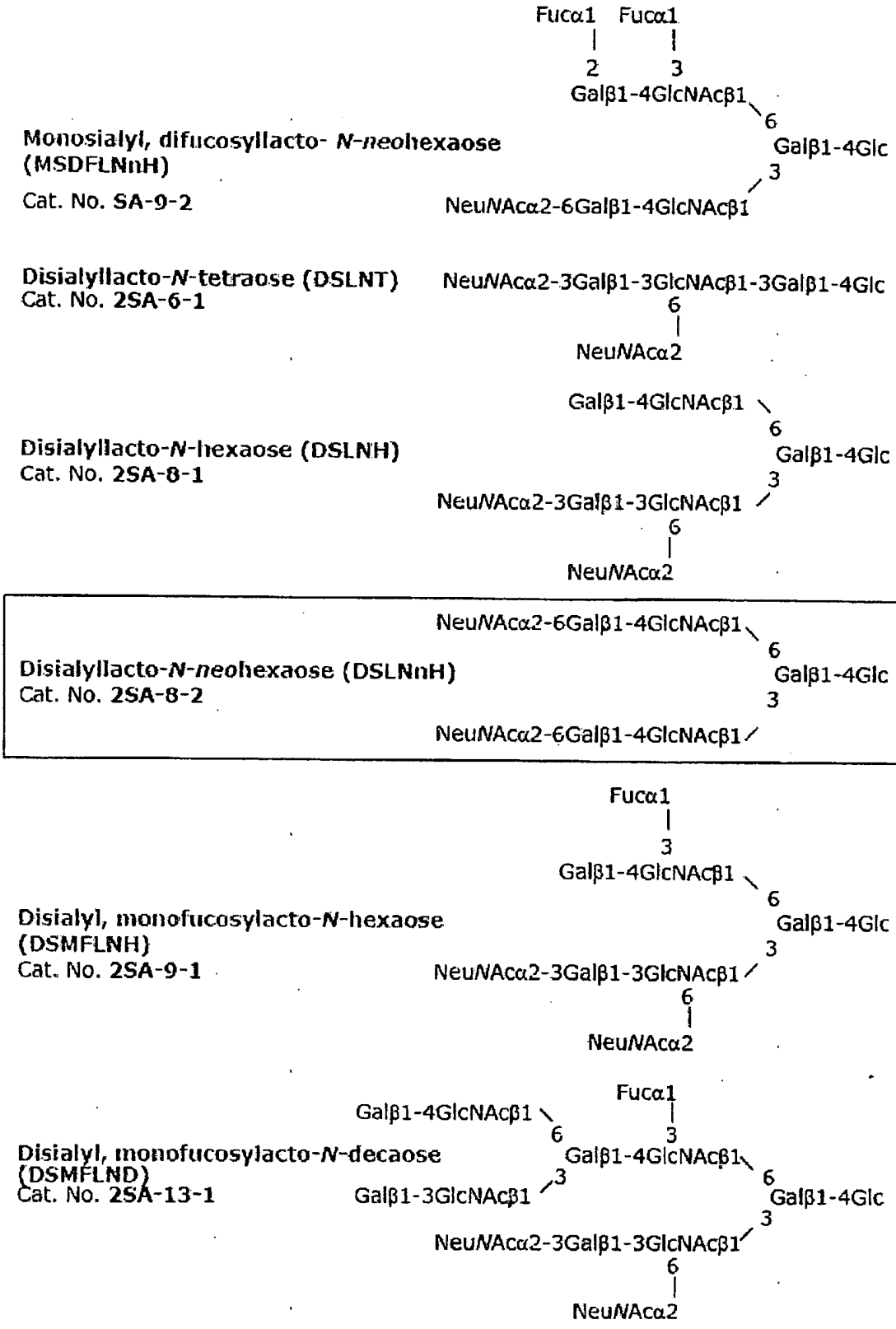
Sialyllacto-*N*-fucopentaose II (SLNFP II)
Cat. No. **SA-6-2**

Neu*N*Acα2-3Galβ1-3GlcNAcβ1-3Galβ1-4Glc
4
|
Fucα1

Sialyllacto-*N*-fucopentaose VI (SLNFP VI)
Cat. No. **SA-6-3**

Neu*N*Acα2-6Galβ1-4GlcNAcβ1-3Galβ1-4Glc
3
|
Fucα1


NeuNAcα2-6Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
Galβ1-3GlcNAcβ1
Monosialyllacto-N-hexaose (MSLNH)
Cat. No. SA-7-1
Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
NeuNAcα2-6Galβ1-3GlcNAcβ1
Monosialyllacto-N-neohexaose I (MSLNnH I)
Cat. No. SA-7-2
NeuNAcα2-6Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
Galβ1-4GlcNAcβ1
Monosialyllacto-N-neohexaose II (MSLNnH II)
Cat. No. SA-7-3
NeuNAcα2-6Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
Fucα1-2Galβ1-3GlcNAcβ1
Monosialyl, monofucosyllacto-N-hexaose I
(MSMFLNH I)
Cat. No. SA-8-1
Fucα1
3
Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
NeuNAcα2-3Galβ1-3GlcNAcβ1
Monosialyl, monofucosyllacto-N-hexaose II
(MSMFLNH II)
Cat. No. SA-8-2
Fucα1
3
Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
NeuNAcα2-6Galβ1-4GlcNAcβ1
Monosialyl, monofucosyllacto-N-neohexaose
(MSMFLnNH)
Cat. No. SA-8-3
NeuNAcα2-6Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
Galβ1-3GlcNAcβ1
2
4
Fucα1
Fucα1
Monosialyl, difucosyllacto-N-hexaose
(MSDFLNH)
Cat. No. SA-9-1


Fucα1 Fucα1
2 3
Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
NeuNAcα2-6Galβ1-4GlcNAcβ1
Monosialyl, difucosyllacto- N-neohexaose (MSDFLNnH)
Cat. No. SA-9-2
Disialyllacto-N-tetraose (DSLNT)
Cat. No. 2SA-6-1
NeuNAcα2-3Galβ1-3GlcNAcβ1-3Galβ1-4Glc
6
NeuNAcα2
Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
NeuNAcα2-3Galβ1-3GlcNAcβ1
6
NeuNAcα2
Disialyllacto-N-hexaose (DSLNH)
Cat. No. 2SA-8-1
NeuNAcα2-6Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
NeuNAcα2-6Galβ1-4GlcNAcβ1
Disialyllacto-N-neohexaose (DSLNnH)
Cat. No. 2SA-8-2
Fucα1
3
Galβ1-4GlcNAcβ1
6
Galβ1-4Glc
3
NeuNAcα2-3Galβ1-3GlcNAcβ1
6
NeuNAcα2
Disialyl, monofucosylacto-N-hexaose (DSMFLNH)
Cat. No. 2SA-9-1
Fucα1
Galβ1-4GlcNAcβ1
6
3
Galβ1-4GlcNAcβ1
6
3
Galβ1-4Glc
Galβ1-3GlcNAcβ1
3
NeuNAcα2-3Galβ1-3GlcNAcβ1
6
NeuNAcα2
Disialyl, monofucosylacto-N-decaose (DSMFLND)
Cat. No. 2SA-13-1